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7. LAMPIRAN

Lampiran 1. Spesifikasi Kitosan

Certificate of Analysis Chitosan

▣ Product Name : CHITOSAN . (Shrimp Shell)

▣ Raw Material : Black tiger

▣ Use : Food Grade dan Medical Grade

▣ LOT No. :

▣ The date of manufacture : 10 Desember 2019

▣ Expiry Date : 10 Desember 2021

▣ Analysis No :

▣ Analysis Date : 11 Desember 2019

Items	Specification	Results	Method
Appearance	White Or Yellow	Pale Yellow	
Odor	Odorless	Complies	
Solution	99 % Min.	99 % UP	6 % Soln. in HCl 1.0 %

Moisture Content	12.0 % Max.	8.6 %	Infrared Moisture meter
Ash Content	1.0 % Max.	0.2 %	Ashing Method
Protein Content	1.0 % Max.	0.4 %	Lowry method
De-Acetylation	80 % Min.	90.2 %	PVSK
Viscosity	50 cps Max.	25.0 cps	0.5 % Soln. in Acid
Transparency	30 Cm Min.	39 Cm	Transparency meter [JIS K]
pH [5 % dispersion]	6.5 ~ 7.5	7.1	PH meter
As	0.2 ppm Max.	Complies	ICP
Pb	1.0 ppm Max.	Complies	ICP
E-Coli	Negative	Negative	Flat Disk method
Salmonella	Negative	Negative	Flat Disk method
Particale size	Crushed	30 mesh	Mesh Method

Lampiran 2. Uji Validitas Penelitian Pendahuluan

Penelitian Pendahuluan		
Parameter	Nilai Signifikansi	Indikasi
Warna_A	.037	*
Warna_B	.000	*
Warna_C	.030	*
Warna_D	.055	ns
Warna_E	.106	ns
Warna_F	.008	*
Warna_G	.033	*
Aroma_A	.127	ns
Aroma_B	.004	*
Aroma_C	.043	*
Aroma_D	.000	*
Aroma_E	.066	ns
Aroma_F	.006	*
Aroma_G	.004	*
Tekstur_A	.024	*
Tekstur_B	.025	*
Tekstur_C	.197	ns
Tekstur_D	.679	ns
Tekstur_E	.010	*
Tekstur_F	.009	*
Tekstur_G	.006	*
Rasa_A	.004	*
Rasa_B	.003	*
Rasa_C	.000	*
Rasa_D	.005	*
Rasa_E	.001	*
Rasa_F	.000	*
Rasa_G	.014	*
DayaTerima_A	.002	*
DayaTerima_B	.002	*
DayaTerima_C	.003	*
DayaTerima_D	.008	*
DayaTerima_E	.000	*
DayaTerima_F	.000	*
DayaTerima_G	.011	*

Keterangan : * (signifikan)
ns (non signifikan)

Lampiran 3. Uji Reliabilitas Penelitian Pendahuluan

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.885	.883	35

Lampiran 4. Uji Normalitas Mie Basah Kitosan

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Stiffness	.172	20	.124	.884	20	.020
Young_Modulus	.184	20	.074	.891	20	.028
Load_at_Max	.196	20	.042	.953	20	.417
Extension_at_Max	.152	20	.200*	.920	20	.101
Tensile_Strength	.336	20	.000	.821	20	.002
Percentage_Strain_Max	.152	20	.200*	.921	20	.102
L	.153	20	.200*	.961	20	.569
a	.174	20	.114	.890	20	.027
b	.157	20	.200*	.977	20	.885
pH	.279	20	.000	.772	20	.000
AW	.256	20	.001	.721	20	.000
kadar_air	.186	20	.068	.855	20	.006

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 5. Perhitungan Manual Uji Normalitas Mie Basah Kitosan

Analisa	Kolmogorov Hitung	Kolmogorov Tabel	Keterangan
Load at Maximum (N)	0,543	1,107	Sebaran data Normal
Tensile Strength (Mpa)	0,543	1,107	Sebaran data Normal
pH	0,664	1,107	Sebaran data Normal
AW	0,488	1,107	Sebaran data Normal

Lampiran 6. Uji Normalitas Mie Basah Kemangi

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
Stiffness	.147	20	.200*	.958	20	.508
young_modulus	.148	20	.200*	.964	20	.628
load_max	.148	20	.200*	.958	20	.498
extension_max	.147	20	.200*	.958	20	.510
tensile_strength	.250	20	.002	.844	20	.004
percentage_max	.147	20	.200*	.958	20	.510
L	.132	20	.200*	.978	20	.902
a	.095	20	.200*	.988	20	.994
b	.130	20	.200*	.957	20	.491
pH	.184	20	.073	.848	20	.005
AW	.180	20	.087	.895	20	.033
kadar_air	.125	20	.200*	.956	20	.472

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Lampiran 7. Perhitungan Manual Uji Normalitas Mie Basah Kemangi

Analisa	Kolmogorov Hitung	Kolmogorov Tabel	Keterangan
Tensile Strength (Mpa)	0,530	1,107	Sebaran data Normal

Lampiran 8. Uji Homogenitas Mie Basah Kitosan

Test of Homogeneity of Variance[a]

		Levene Statistic	df1	df2	Sig.
Stiffness	Based on Mean	1.454	3	16	.264
	Based on Median	1.469	3	16	.260
	Based on Median and with adjusted df	1.469	3	6.387	.310
	Based on trimmed mean	1.533	3	16	.244
Young_Modulus	Based on Mean	1.575	3	16	.234
	Based on Median	1.501	3	16	.252
	Based on Median and with adjusted df	1.501	3	7.014	.295
	Based on trimmed mean	1.658	3	16	.216
Load_at_Max	Based on Mean	.753	3	16	.536
	Based on Median	.680	3	16	.577
	Based on Median and with adjusted df	.680	3	11.755	.581
	Based on trimmed mean	.760	3	16	.533
Extension_at_Max	Based on Mean	.653	3	16	.592
	Based on Median	.299	3	16	.825
	Based on Median and with adjusted df	.299	3	10.157	.825
	Based on trimmed mean	.602	3	16	.623
Tensile_Strength	Based on Mean	.000	2	12	1.000
	Based on Median	.000	2	12	1.000
	Based on Median and with adjusted df	.000	2	12.000	1.000
	Based on trimmed mean	.000	2	12	1.000
Percentage_Strain_Max	Based on Mean	.652	3	16	.593
	Based on Median	.299	3	16	.826
	Based on Median and with adjusted df	.299	3	10.159	.826
	Based on trimmed mean	.600	3	16	.624
L	Based on Mean	3.425	3	16	.043
	Based on Median	2.257	3	16	.121
	Based on Median and with adjusted df	2.257	3	11.479	.136
	Based on trimmed mean	3.262	3	16	.049
a	Based on Mean	.694	3	16	.569
	Based on Median	.542	3	16	.661
	Based on Median and with adjusted df	.542	3	11.663	.663
	Based on trimmed mean	.644	3	16	.598
b	Based on Mean	.866	3	16	.479
	Based on Median	.644	3	16	.598
	Based on Median and with adjusted df	.644	3	10.722	.603
	Based on trimmed mean	.828	3	16	.498
pH	Based on Mean	2.900	3	16	.067
	Based on Median	.970	3	16	.431
	Based on Median and with adjusted df	.970	3	10.068	.444
	Based on trimmed mean	2.832	3	16	.071
AW	Based on Mean	1.218	3	16	.335
	Based on Median	.513	3	16	.679
	Based on Median and with adjusted df	.513	3	10.461	.682
	Based on trimmed mean	1.030	3	16	.406
kadar_air	Based on Mean	6.358	3	16	.005
	Based on Median	1.567	3	16	.236
	Based on Median and with adjusted df	1.567	3	5.223	.304
	Based on trimmed mean	5.893	3	16	.007

a. Tensile_Strength is constant when perlakuan = kitosan 3000 ppm. It has been omitted.

Lampiran 9. Uji Homogenitas Mie Basah Kemangi

Test of Homogeneity of Variance

		Levene Statistic	df1	df2	Sig.
Stiffness	Based on Mean	3.067	3	16	.058
	Based on Median	2.238	3	16	.123
	Based on Median and with adjusted df	2.238	3	10.653	.143
	Based on trimmed mean	3.110	3	16	.056
young_modulus	Based on Mean	2.911	3	16	.067
	Based on Median	2.104	3	16	.140
	Based on Median and with adjusted df	2.104	3	11.212	.157
	Based on trimmed mean	2.935	3	16	.065
load_max	Based on Mean	.175	3	16	.912
	Based on Median	.154	3	16	.925
	Based on Median and with adjusted df	.154	3	15.951	.925
	Based on trimmed mean	.170	3	16	.915
extension_max	Based on Mean	.902	3	16	.462
	Based on Median	.800	3	16	.512
	Based on Median and with adjusted df	.800	3	12.519	.517
	Based on trimmed mean	.854	3	16	.485
tensile_strength	Based on Mean	.746	3	16	.540
	Based on Median	.282	3	16	.838
	Based on Median and with adjusted df	.282	3	14.538	.838
	Based on trimmed mean	.691	3	16	.571
percentage_max	Based on Mean	.902	3	16	.462
	Based on Median	.801	3	16	.512
	Based on Median and with adjusted df	.801	3	12.525	.516
	Based on trimmed mean	.855	3	16	.484
L	Based on Mean	2.560	3	16	.091
	Based on Median	1.619	3	16	.224
	Based on Median and with adjusted df	1.619	3	11.579	.239
	Based on trimmed mean	2.509	3	16	.096
a	Based on Mean	1.229	3	16	.332
	Based on Median	.545	3	16	.658
	Based on Median and with adjusted df	.545	3	12.617	.660
	Based on trimmed mean	1.229	3	16	.332
b	Based on Mean	2.505	3	16	.096
	Based on Median	.829	3	16	.497
	Based on Median and with adjusted df	.829	3	12.799	.501
	Based on trimmed mean	2.570	3	16	.091
pH	Based on Mean	3.616	3	16	.036
	Based on Median	1.135	3	16	.365
	Based on Median and with adjusted df	1.135	3	4.786	.422
	Based on trimmed mean	3.258	3	16	.049
AW	Based on Mean	2.504	3	16	.096
	Based on Median	.789	3	16	.518
	Based on Median and with adjusted df	.789	3	11.896	.523
	Based on trimmed mean	2.350	3	16	.111
kadar_air	Based on Mean	3.086	3	16	.057
	Based on Median	1.249	3	16	.325
	Based on Median and with adjusted df	1.249	3	9.288	.347
	Based on trimmed mean	2.930	3	16	.065

Lampiran 10. Uji Duncan L Mie Basah Kitosan

L

Duncan[a]

perlakuan	N	Subset for alpha = 0.05
		1
kontrol	5	71.3020
kitosan 3000 ppm	5	72.1540
kitosan 2500 ppm	5	72.4180
kitosan 3500 ppm	5	73.7160
Sig.		.168

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 11. Uji Duncan a Mie Basah Kitosan

a

Duncan[a]

perlakuan	N	Subset for alpha = 0.05
		1
kitosan 3500 ppm	5	1.0540
kitosan 2500 ppm	5	1.0700
kitosan 3000 ppm	5	1.2700
kontrol	5	1.2740
Sig.		.184

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 12. Uji Duncan b Mie Basah Kitosan

b

Duncan[a]

perlakuan	N	Subset for alpha = 0.05	
		1	2
kitosan 3500 ppm	5	12.4920	
kitosan 2500 ppm	5	12.8620	
kontrol	5		13.9420
kitosan 3000 ppm	5		14.0180
Sig.		.355	.847

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 13. Uji Duncan Stiffness Mie Basah Kitosan

Stiffness

Duncan[a]

perlakuan	N	Subset for alpha = 0.05	
		1	2
kontrol	5	2.9600	
kitosan 3000 ppm	5	4.0160	
kitosan 3500 ppm	5	4.3720	
kitosan 2500 ppm	5		5.8200
Sig.		.061	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 14. Uji Duncan Young's Modulus Mie Basah Kitosan

Young_Modulus

Duncan[a]

perlakuan	N	Subset for alpha = 0.05	
		1	2
kontrol	5	.1100	
kitosan 3000 ppm	5	.1520	
kitosan 3500 ppm	5	.1640	.1640
kitosan 2500 ppm	5		.2180
Sig.		.063	.052

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 15. Uji Duncan Load at Maximum Mie Basah Kitosan

Load_at_Max

Duncan[a]

perlakuan	N	Subset for alpha = 0.05	
		1	2
kontrol	5	.1480	
kitosan 3000 ppm	5	.1580	
kitosan 3500 ppm	5	.1640	
kitosan 2500 ppm	5		.2020
Sig.		.398	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 16. Uji Duncan Extension at Maximum Mie Basah Kitosan

Extension_at_Max

Duncan[a]

perlakuan	N	Subset for alpha = 0.05
		1
kontrol	5	17.3660
kitosan 3000 ppm	5	18.8960
kitosan 3500 ppm	5	21.9420
kitosan 2500 ppm	5	26.2640
Sig.		.096

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 17. Uji Duncan Tensile Strength Mie Basah Kitosan

Tensile_Strength

Duncan[a]

perlakuan	N	Subset for alpha = 0.05	
		1	2
kontrol	5	.0400	
kitosan 3000 ppm	5	.0400	
kitosan 3500 ppm	5	.0400	
kitosan 2500 ppm	5		.0500
Sig.		1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 18. Uji Duncan Percentage Strain at Maximum Mie Basah Kitosan

Percentage_Strain_Max

Duncan[a]

perlakuan	N	Subset for alpha = 0.05
		1
kontrol	5	11.5760
kitosan 3000 ppm	5	12.5960
kitosan 3500 ppm	5	14.6300
kitosan 2500 ppm	5	17.5100
Sig.		.096

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 19. Uji Duncan pH Mie Basah Kitosan

pH

Duncan[a]

perlakuan	N	Subset for alpha = 0.05		
		1	2	3
kontrol	5	7.0560		
kitosan 3000 ppm	5		7.2480	
kitosan 2500 ppm	5		7.2560	7.2560
kitosan 3500 ppm	5			7.2840
Sig.		1.000	.613	.090

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 20. Uji Duncan Kadar Air Mie Basah Kitosan

kadar_air

Duncan[a]

perlakuan	N	Subset for alpha = 0.05	
		1	2
kontrol	5	64.1770	
kitosan 3500 ppm	5		66.1028
kitosan 3000 ppm	5		66.9436
kitosan 2500 ppm	5		67.5408
Sig.		1.000	.056

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 21. Uji Duncan AW Mie Basah Kitosan

AW

Duncan[a]

perlakuan	N	Subset for alpha = 0.05
		1
kitosan 2500 ppm	5	.9724
kitosan 3500 ppm	5	.9726
kitosan 3000 ppm	5	.9738
kontrol	5	.9796
Sig.		.372

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 22. Uji Duncan L Mie Basah Kemangi

L

Duncan[a]

perlakuan	N	Subset for alpha = 0.05
		1
kemangi 35%	5	70.7760
kemangi 25%	5	71.1320
kontrol	5	71.3020
kemangi 15%	5	72.2420
Sig.		.268

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 23. Uji Duncan a Mie Basah Kemangi

a

Duncan[a]

perlakuan	N	Subset for alpha = 0.05
		1
kemangi 35%	5	.9300
kemangi 15%	5	1.0520
kemangi 25%	5	1.0940
kontrol	5	1.2740
Sig.		.078

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 24. Uji Duncan b Mie Basah Kemangi

b

Duncan[a]

perlakuan	N	Subset for alpha = 0.05
		1
kemangi 15%	5	13.3320
kontrol	5	13.9420
kemangi 35%	5	14.1960
kemangi 25%	5	14.2240
Sig.		.095

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 25. Uji Duncan Stiffness Mie Basah Kemangi

Stiffness

Duncan[a]

perlakuan	N	Subset for alpha = 0.05		
		1	2	3
kontrol	5	2.9600		
kemangi 25%	5		4.9940	
kemangi 35%	5		5.1740	
kemangi 15%	5			7.1860
Sig.		1.000	.834	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 26. Uji Duncan Young Modulus Mie Basah Kemangi

young_modulus

Duncan[a]

perlakuan	N	Subset for alpha = 0.05		
		1	2	3
kontrol	5	.1100		
kemangi 25%	5		.1900	
kemangi 35%	5		.1940	
kemangi 15%	5			.2700
Sig.		1.000	.901	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 27. Uji Duncan Load at Maximum Mie Basah Kemangi

load_max

Duncan[a]

perlakuan	N	Subset for alpha = 0.05
		1
kontrol	5	.1480
kemangi 35%	5	.1480
kemangi 25%	5	.1800
kemangi 15%	5	.1840
Sig.		.192

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 28. Uji Duncan Extension at Maximum Mie Basah Kemangi

extension_max

Duncan[a]

perlakuan	N	Subset for alpha = 0.05
		1
kemangi 35%	5	11.9040
kontrol	5	17.3660
kemangi 15%	5	20.8340
kemangi 25%	5	23.5920
Sig.		.091

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 29. Uji Duncan Tensile Strength Mie Basah Kemangi

tensile_strength

Duncan[a]

perlakuan	N	Subset for alpha = 0.05
		1
kemangi 35%	5	.0360
kontrol	5	.0400
kemangi 15%	5	.0460
kemangi 25%	5	.0460
Sig.		.133

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 30. Uji Duncan Percentage Strain at Maximum Mie Basah Kemangi

percentage_max

Duncan[a]

perlakuan	N	Subset for alpha = 0.05 1
kemangi 35%	5	7.9360
kontrol	5	11.5760
kemangi 15%	5	13.8880
kemangi 25%	5	15.7300
Sig.		.091

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 31. Uji Duncan pH Mie Basah Kemangi

pH

Duncan[a]

perlakuan	N	Subset for alpha = 0.05 1	2	3
kemangi 35%	5	7.0120		
kontrol	5	7.0560		
kemangi 15%	5		7.1880	
kemangi 25%	5			7.5080
Sig.		.358	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 32. Uji Duncan Kadar Air Mie Basah Kemangi

kadar_air

Duncan[a]

perlakuan	N	Subset for alpha = 0.05		
		1	2	3
kontrol	5	64.1770		
kemangi 35%	5	65.1688	65.1688	
kemangi 25%	5		66.5250	
kemangi 15%	5			69.7382
Sig.		.352	.208	1.000

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 33. Uji Duncan AW Mie Basah Kemangi

AW

Duncan[a]

perlakuan	N	Subset for alpha = 0.05
		1
kemangi 35%	5	.9720
kemangi 15%	5	.9728
kemangi 25%	5	.9732
kontrol	5	.9796
Sig.		.179

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 5.000.

Lampiran 34. Kuisioner A

Nama: …….
Umur:…….
Pekerjaan: ……...
Pengalaman Memasak (dalam tahun): ……...
Tanggal: …….

Instruksi

Dihadapan anda tersedia 7 sampel mie basah matang dengan perlakuan yang berbeda. Sebelum mencicipi setiap sampel, netralkan lidah anda terlebih dahulu menggunakan penetral yang telah disediakan. Cicipi sampel yang disediakan secara berurutan dimulai dari kiri hingga kanan. Nyatakan nilai skoring anda terhadap karakteristik organoleptik meliputi warna, aroma, tekstur, rasa, dan daya terima dengan mengisi setiap kolom dengan skala nilai 1 hingga 5 sesuai keterangan di bawah tabel berikut.

Kode	Warna	Aroma	Tekstur	Rasa	Daya Terima

Keterangan:

Warna:
- 1 = sangat gelap
- 2 = agak gelap
- 3 = cerah
- 4 = agak cerah
- 5 = sangat cerah

Aroma:
- 1 = sangat menyengat
- 2 = agak menyengat
- 3 = harum
- 4 = agak harum
- 5 = sangat harum

Tekstur:
- 1 = sangat lengket
- 2 = agak lengket
- 3 = kenyal
- 4 = agak kenyal
- 5 = sangat kenyal

Rasa:
- 1 = sangat tidak enak
- 2 = agak tidak enak
- 3 = enak
- 4 = agak enak
- 5 = sangat enak

Daya terima:
- 1 = sangat tidak dapat diterima
- 2 = agak tidak dapat diterima
- 3 = dapat diterima
- 4 = agak dapat diterima
- 5 = sangat dapat diterima

Lampiran 35. Kuisioner B

Sampel: _____

Jam ke-	Ulangan	Parameter	
		Aroma	Tekstur
0	1		
	2		
	3		
4	1		
	2		
	3		
…			

Lampiran 36. Kuisioner C

Nama: ……
Umur: …….
Pekerjaan: ……...
Seberapa sering mengkonsumsi mie dalam 1 minggu (lingkari salah satu): a. 1 hingga 2 kali
b. 3 hingga 5 kali
c. lebih dari 5 kali
Tanggal: …….

Instruksi:
Dihadapan anda tersedia 5 sampel mie basah matang dengan perlakuan yang berbeda dan sudah ditambahkan bumbu untuk diuji kesukaan. Sebelum mencicipi setiap sampel, netralkan lidah anda terlebih dahulu menggunakan penetral yang telah disediakan. Cicipi sampel yang disediakan secara berurutan dimulai dari kiri hingga kanan. Nyatakan skor kesukaan anda terhadap karakteristik organoleptik meliputi *overall*, warna, aroma, tekstur, dan rasa dengan mengisi setiap kolom dengan skala nilai 1 hingga 5 sesuai keterangan di bawah tabel berikut.

Kode	*Overall*	Warna	Aroma	Tekstur	Rasa

Keterangan:
1 = suka
2 = agak suka
3 = netral
4 = agak tidak suka
5 = tidak suka

Lampiran 37. Nilai Rata-rata dan Standar Deviasi Mie Basah Kontrol

Statistics

		warna	aroma	tekstur	rasa	overall
N	Valid	72	72	72	72	72
	Missing	0	0	0	0	0
Mean		3.4722	3.6250	3.3611	3.6806	3.7639
Std. Deviation		.73105	.82969	.81024	.91661	.77810

Lampiran 38. Nilai Rata-rata dan Standar Deviasi Mie Basah Kitosan 2500 ppm

Statistics

		warna	aroma	tekstur	rasa	overall
N	Valid	72	72	72	72	72
	Missing	0	0	0	0	0
Mean		3.5000	3.4583	3.5833	3.4444	3.6528
Std. Deviation		.76912	.88711	.72675	.83731	.73465

Lampiran 39. Nilai Rata-rata dan Standar Deviasi Mie Basah Kemangi 15%

Statistics

		warna	aroma	tekstur	rasa	overall
N	Valid	72	72	72	72	72
	Missing	0	0	0	0	0
Mean		3.1806	3.5000	3.5417	3.2500	3.4444
Std. Deviation		.82780	.88811	.78610	.94571	.97704

Lampiran 40. Uji Validitas Uji Organoleptik Mie Basah Siap Saji

Parameter	Nilai Signifikansi	Indikasi
Warna_A	0.009	*
Warna_B	0	*
Warna_E	0	*
Aroma_A	0.006	*
Aroma_B	0	*
Aroma_E	0	*
Tekstur_A	0	*
Tekstur_B	0.002	*
Tekstur_E	0	*
Rasa_A	0	*
Rasa_B	0	*
Rasa_E	0	*
Overall_A	0	*
Overall_B	0	*
Overall_E	0	*

Lampiran 41. Uji Reliabilitas Uji Organoleptik Mie Basah Siap Saji

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.809	.805	15

Lampiran 42. Uji Kruskal-Wallis Pekerjaan dengan Penilaian Organoleptik

Test Statistics[a,b]

	WA	WB	WC	AA	AB	AC	TA	TB	TC	RA	RB	RC	OA	OB	OC
Chi-Square	1.846	1.501	3.849	6.819	.736	5.597	4.066	2.906	4.847	1.895	1.940	.719	3.523	3.365	6.249
df	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Asymp. Sig.	.605	.682	.278	.078	.865	.133	.254	.406	.183	.594	.585	.869	.318	.339	.100

a. Kruskal Wallis Test

b. Grouping Variable: pekerjaan

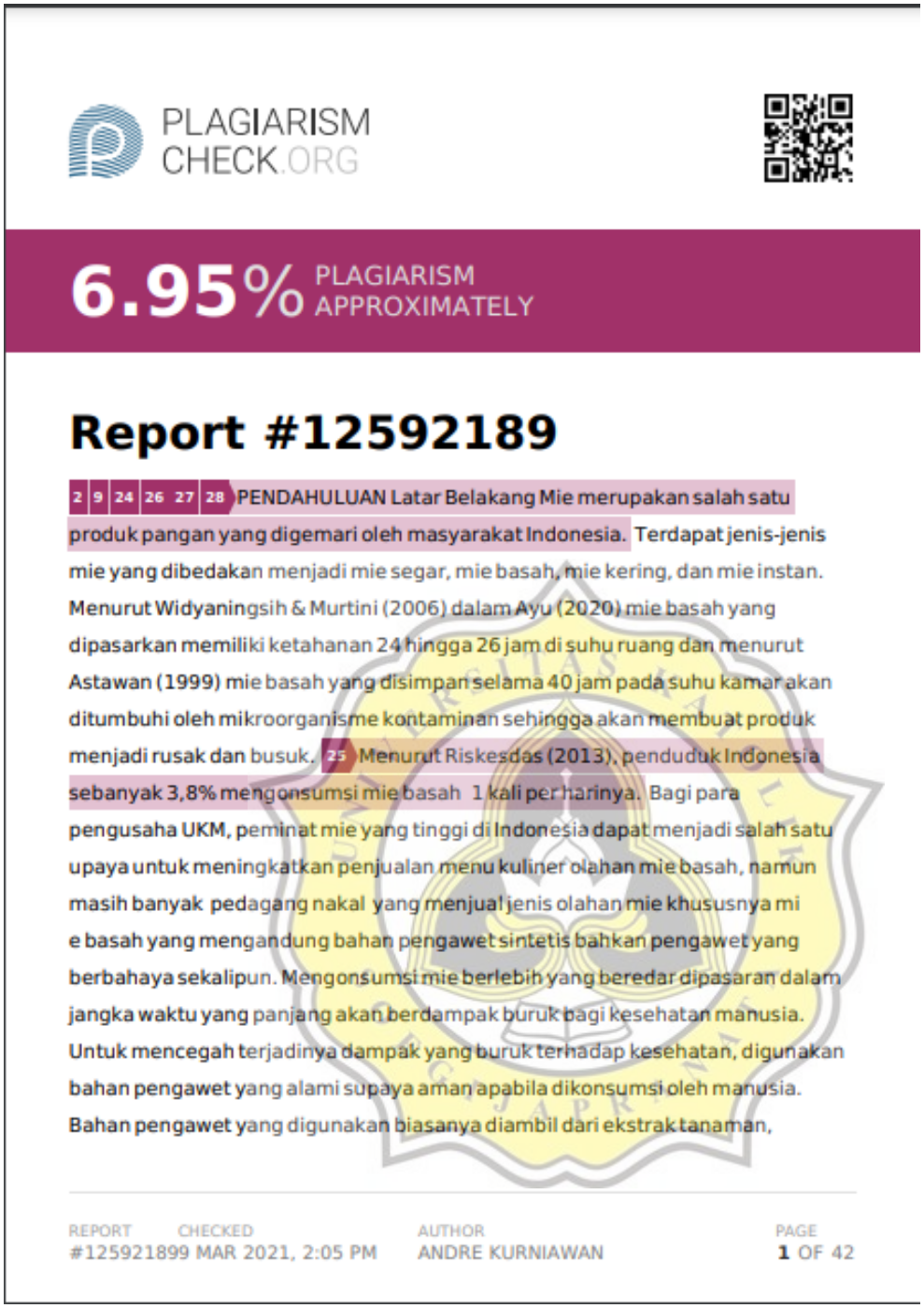
Lampiran 43. Uji Korelasi Usia dan Frekuensi terhadap Penilaian Organoleptik

Correlations

			umur	pekerjaan	frekuensi	WA	WB	WC	AA	AB	AC	TA	TB	TC	RA	RB	RC	OA	OB	OC
Kendall's tau_b	umur	Correlation Coefficient	1.000	.360**	-.032	.055	.132	-.053	-.019	.132	-.066	-.091	.180	-.043	.008	.178	-.041	-.006	.087	-.198*
		Sig. (2-tailed)	.	.000	.742	.559	.158	.565	.838	.151	.468	.323	.054	.642	.932	.054	.650	.945	.351	.028
		N	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
	pekerjaan	Correlation Coefficient	.360**	1.000	.206	-.126	.031	.147	.067	.073	.071	-.150	.166	.056	.032	.088	-.052	.007	.008	-.109
		Sig. (2-tailed)	.000	.	.052	.223	.766	.148	.508	.469	.480	.139	.108	.585	.748	.387	.601	.947	.938	.273
		N	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
	frekuensi	Correlation Coefficient	-.032	.206	1.000	-.067	.192	.072	.187	-.003	.101	.109	.092	.115	.175	.031	.030	.101	.024	.017
		Sig. (2-tailed)	.742	.052	.	.546	.080	.509	.087	.980	.348	.318	.403	.294	.105	.773	.779	.354	.828	.871
		N	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
	WA	Correlation Coefficient	.055	-.126	-.067	1.000	.088	.071	.140	.078	.002	.260*	.152	.117	.162	.108	.129	.316**	.030	.111
		Sig. (2-tailed)	.559	.223	.546	.	.412	.504	.187	.455	.986	.014	.158	.272	.124	.306	.215	.003	.782	.287
		N	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
	WB	Correlation Coefficient	.132	.031	.192	.088	1.000	.153	.033	.329**	-.051	.163	.178	.228*	.205	.273**	.123	.061	.310**	.122
		Sig. (2-tailed)	.158	.766	.080	.412	.	.144	.751	.002	.626	.121	.095	.031	.051	.009	.238	.565	.004	.237
		N	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
	WC	Correlation Coefficient	-.053	.147	.072	.071	.153	1.000	-.076	.010	.339**	.204*	.018	.373**	.286**	.242*	.365**	.204	.006	.420**
		Sig. (2-tailed)	.565	.148	.509	.504	.144	.	.466	.919	.001	.049	.861	.000	.006	.020	.000	.051	.958	.000
		N	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
	AA	Correlation Coefficient	-.019	.067	.187	.140	.033	-.076	1.000	.258*	.076	.124	.179	-.130	.292**	-.043	-.197	.320**	.006	-.035
		Sig. (2-tailed)	.838	.508	.087	.187	.751	.466	.	.013	.464	.237	.091	.214	.005	.677	.057	.002	.958	.736
		N	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
	AB	Correlation Coefficient	.132	.073	-.003	.078	.329**	.010	.258*	1.000	.119	.219*	.063	.167	.193	.294**	.214*	.048	.307**	.071
		Sig. (2-tailed)	.151	.469	.980	.455	.002	.919	.013	.	.245	.035	.548	.108	.060	.004	.036	.646	.003	.484
		N	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
	AC	Correlation Coefficient	-.066	.071	.101	.002	-.051	.339**	.076	.119	1.000	.044	-.013	.085	.120	.158	.282**	.005	.103	.394**
		Sig. (2-tailed)	.468	.480	.348	.986	.626	.001	.464	.245	.	.673	.904	.412	.243	.126	.006	.959	.327	.000
		N	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
	TA	Correlation Coefficient	-.091	-.150	.109	.260*	.163	.204*	.124	.219*	.044	1.000	-.073	.051	.484**	.237*	.273**	.466**	.118	.175
		Sig. (2-tailed)	.323	.139	.318	.014	.121	.049	.237	.035	.673	.	.489	.626	.000	.023	.008	.000	.262	.087
		N	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
	TB	Correlation Coefficient	.180	.166	.092	.152	.178	.018	.179	.063	-.013	-.073	1.000	.198	.044	.394**	.043	.052	.303**	.172
		Sig. (2-tailed)	.054	.108	.403	.158	.095	.861	.091	.548	.904	.489	.	.063	.679	.000	.683	.622	.005	.098
		N	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
	TC	Correlation Coefficient	-.043	.056	.115	.117	.228*	.373**	-.130	.167	.085	.051	.198	1.000	.161	.382**	.520**	.257*	.329**	.472**
		Sig. (2-tailed)	.642	.585	.294	.272	.031	.000	.214	.108	.412	.626	.063	.	.123	.000	.000	.015	.002	.000
		N	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
	RA	Correlation Coefficient	.008	.032	.175	.162	.205	.286**	.292**	.193	.120	.484**	.044	.161	1.000	.074	.260*	.642**	-.006	.269**
		Sig. (2-tailed)	.932	.748	.105	.124	.051	.006	.005	.060	.243	.000	.679	.123	.	.476	.011	.000	.953	.008
		N	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
	RB	Correlation Coefficient	.178	.088	.031	.108	.273**	.242*	-.043	.294**	.158	.237*	.394**	.382**	.074	1.000	.354**	.097	.645**	.321**
		Sig. (2-tailed)	.054	.387	.773	.306	.009	.020	.677	.004	.126	.023	.000	.000	.476	.	.001	.352	.000	.002
		N	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
	RC	Correlation Coefficient	-.041	-.052	.030	.129	.123	.365**	-.197	.214*	.282**	.273**	.043	.520**	.260*	.354**	1.000	.279**	.212*	.565**
		Sig. (2-tailed)	.650	.601	.779	.215	.238	.000	.057	.036	.006	.008	.683	.000	.011	.001	.	.007	.042	.000
		N	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
	OA	Correlation Coefficient	-.006	.007	.101	.316**	.061	.204*	.320**	.048	.005	.466**	.052	.257*	.642**	.097	.279*	1.000	.136	.333**
		Sig. (2-tailed)	.945	.947	.354	.003	.565	.051	.002	.646	.959	.000	.622	.015	.000	.352	.007	.	.200	.001
		N	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
	OB	Correlation Coefficient	.087	.008	.024	.030	.310**	.006	.006	.307**	.103	.118	.303**	.329**	-.006	.645**	.212*	.136	1.000	.337**
		Sig. (2-tailed)	.351	.938	.828	.782	.004	.958	.958	.003	.327	.262	.005	.002	.953	.000	.042	.200	.	.001
		N	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72
	OC	Correlation Coefficient	-.198*	-.109	.017	.111	.122	.420**	-.035	.071	.394**	.175	.172	.472**	.269**	.321**	.565**	.333**	.337**	1.000
		Sig. (2-tailed)	.028	.273	.871	.287	.237	.000	.736	.484	.000	.087	.098	.000	.008	.002	.000	.001	.001	.
		N	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).



PLAGIARISM CHECK.ORG

6.95% PLAGIARISM APPROXIMATELY

Report #12592189

2 9 24 26 27 28 PENDAHULUAN Latar Belakang Mie merupakan salah satu produk pangan yang digemari oleh masyarakat Indonesia. Terdapat jenis-jenis mie yang dibedakan menjadi mie segar, mie basah, mie kering, dan mie instan. Menurut Widyaningsih & Murtini (2006) dalam Ayu (2020) mie basah yang dipasarkan memiliki ketahanan 24 hingga 26 jam di suhu ruang dan menurut Astawan (1999) mie basah yang disimpan selama 40 jam pada suhu kamar akan ditumbuhi oleh mikroorganisme kontaminan sehingga akan membuat produk menjadi rusak dan busuk. 25 Menurut Riskesdas (2013), penduduk Indonesia sebanyak 3,8% mengonsumsi mie basah 1 kali per harinya. Bagi para pengusaha UKM, peminat mie yang tinggi di Indonesia dapat menjadi salah satu upaya untuk meningkatkan penjualan menu kuliner olahan mie basah, namun masih banyak pedagang nakal yang menjual jenis olahan mie khususnya mi e basah yang mengandung bahan pengawet sintetis bahkan pengawet yang berbahaya sekalipun. Mengonsumsi mie berlebih yang beredar dipasaran dalam jangka waktu yang panjang akan berdampak buruk bagi kesehatan manusia. Untuk mencegah terjadinya dampak yang buruk terhadap kesehatan, digunakan bahan pengawet yang alami supaya aman apabila dikonsumsi oleh manusia. Bahan pengawet yang digunakan biasanya diambil dari ekstrak tanaman,

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